

I claim:

1. A vented liquid containment device, comprising:

a cap having a top portion and a generally cylindrical side portion;

5 a thread structure formed on an inner surface of said generally cylindrical side portion;

a vent formed within a preselected portion of said cap;

a cup member shaped to be received within an inner portion of said cap;

10 a flange extending in a radially outward direction from said cup member and shaped to be received within said cap at a position proximate an inner surface of said top portion;

a fluid passage formed through a surface of said cup member, said fluid passage being disposed in fluid communication with said vent; and

filter material disposed within an internal cavity of said cup member.

15

2. The device of claim 1, wherein:

said vent comprises a slot formed in said inner surface of said generally cylindrical side portion and said inner surface of said top portion.

20 3. The device of claim 1, wherein:

said cup member comprises a tapered side surface, whereby a first end of said cup member has a larger diameter than a second end of said cup member.

4. The device of claim 3, wherein:

25 said first end is disposed in contact with said inner surface of said top portion.

5. The device of claim 4, wherein:

said second end extends away from said cap.

6. The device of claim 1, further comprising:

5 a reservoir having a neck, said neck being threaded to receive said thread structure in attaching relation between said neck and said cap.

7. The device of claim 6, wherein:

said reservoir is an oil reservoir.

10

8. The device of claim 1, further comprising:

a seal disposed within said cap, said flange being disposed between said top portion of said cap and said seal.

15 9. The device of claim 1, wherein:

said filter material comprises a polishing pad.

10. A vented liquid containment device, comprising: ✓

a cap having a top portion and a generally cylindrical side portion;

20 a thread structure formed on an inner surface of said generally cylindrical side portion;

a vent formed within a preselected portion of said cap;

a cup member shaped to be received within an inner portion of said cap;

25 a flange extending in a radially outward direction from said cup member and shaped to be received within said cap at a position proximate an inner surface of said top portion;

a fluid passage formed through a surface of said cup member, said fluid passage being disposed in fluid communication with said vent;

filter material disposed within an internal cavity of said cup member; and

a seal disposed within said cap, said flange being disposed between said top
5 portion of said cap and said seal.

11. The device of claim 10, wherein:

said vent comprises a slot formed in said inner surface of said generally
cylindrical side portion and said inner surface of said top portion.

10

12. The device of claim 11, wherein:

said cup member comprises a tapered side surface, whereby a first end of
said cup member has a larger diameter than a second end of said cup member.

15 13. The device of claim 12, wherein:

said first end is disposed in contact with said inner surface of said top
portion.

14. The device of claim 13, wherein:

20 said second end extends away from said cap.

15. The device of claim 14, further comprising:

a reservoir having a neck, said neck being threaded to receive said thread
structure in attaching relation between said neck and said cap.

25

16. The device of claim 15, wherein:

said reservoir is an oil reservoir.

17. The device of claim 16, wherein:

said filter material is an expanded foam.

5 18. A vented liquid containment device, comprising:

a cap having a top portion and a generally cylindrical side portion;

a thread structure formed on an inner surface of said generally cylindrical side portion;

a vent formed within a preselected portion of said cap;

10 a cup member shaped to be received within an inner portion of said cap;

a flange extending in a radially outward direction from said cup member and shaped to be received within said cap at a position proximate an inner surface of said top portion;

15 a fluid passage formed through a surface of said cup member, said fluid passage being disposed in fluid communication with said vent;

filter material disposed within an internal cavity of said cup member; and

a seal disposed within said cap, said flange being disposed between said top portion of said cap and said seal; and

20 a reservoir having a neck, said neck being threaded to receive said thread structure in attaching relation between said neck and said cap.

19. The device of claim 18, wherein:

said vent comprises a slot formed in said inner surface of said generally cylindrical side portion and said inner surface of said top portion, said cup member comprising a tapered side surface, whereby a first end of said cup member has a larger diameter than a second end of said cup member, said first end being

25

disposed in contact with said inner surface of said top portion, said second end extending away from said cap.

20. The device of claim 19, wherein:

5 said reservoir is an oil reservoir.